

Form 3160-5  
(June 2019)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2021**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**5. Lease Serial No.  
NMSF 077972A  
6. If Indian, Allottee or Tribe Name**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator  
LOGOS Operating, LLC3a. Address  
2010 Afton Place  
Farmington NM 874013b. Phone No. (include area code)  
505-419-84204. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
840 FSL & 1720 FEL, O Sec 02 T27N R13W

7. If Unit of CA/Agreement, Name and/or No.

NMNM73533

8. Well Name and No.

Richardson 1E

9. API Well No.

30-045-24909

10. Field and Pool or Exploratory Area

Basin Dakota

11. Country or Parish, State

San Juan County, NM

## 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other	
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

\*Plug and Abandon procedure includes Mancos plug per NMOCD. Re-submit documents on BLM's request.

Reference: RBDMA MPK 1819454857

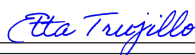
In order to comply with NMOCD BH remediation per rule 19.15.16.11 to prevent waste and protect freshwater. LOGOS request to perform a plug and abandon per the attached procedure, current, proposed and wellbore diagram. Attached is the reclamation plan per the onsite visit on June 16, 2021 with Bob Switzer (BLM) and LOGOS.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Etta Trujillo

Title Regulatory Specialist

Signature



Date 01/06/2022

**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

Well Name: RICHARDSON	Well Location: T27N / R13W / SEC 2 / SWSE / 36.599228 / -108.184738	County or Parish/State: SAN JUAN / NM
Well Number: 1E	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF077972A	Unit or CA Name:	Unit or CA Number: NMNM73533
US Well Number: 300452490900S1	Well Status: Producing Gas Well	Operator: LOGOS OPERATING LLC

Notice of Intent

Sundry ID: 2651469

Type of Submission: Notice of Intent	Type of Action: Plug and Abandonment
Date Sundry Submitted: 01/06/2022	Time Sundry Submitted: 12:10
Date proposed operation will begin: 01/06/2022	

**Procedure Description:** \*Plug and Abandon procedure includes Mancos plug per NMOCD. Re-submit documents on BLM's request. Reference: RBDMA MPK 1819454857 In order to comply with NMOCD BH remediation per rule 19.15.16.11 to prevent waste and protect freshwater. LOGOS request to perform a plug and abandon per the attached procedure, current, proposed and wellbore diagram. Attached is the reclamation plan per the onsite visit on June 16, 2021 with Bob Switzer (BLM) and LOGOS.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

3160\_5\_Richardson\_1E\_NOI\_Plug\_and\_Abandon\_includes\_Mancos\_20220106\_20220106120950.pdf

<b>Well Name:</b> RICHARDSON	<b>Well Location:</b> T27N / R13W / SEC 2 / SWSE / 36.599228 / -108.184738	<b>County or Parish/State:</b> SAN JUAN / NM
<b>Well Number:</b> 1E	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMSF077972A	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b> NMNM73533
<b>US Well Number:</b> 300452490900S1	<b>Well Status:</b> Producing Gas Well	<b>Operator:</b> LOGOS OPERATING LLC

Conditions of Approval

Specialist Review

General\_Requirement\_PxA\_20220106145854.pdf  
2651469\_NOIA\_1E\_3004524909\_KR\_01062022\_20220106145814.pdf

Operator Certification

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

**Operator Electronic Signature:** ETTA TRUJILLO **Signed on:** JAN 06, 2022 12:10 PM  
**Name:** LOGOS OPERATING LLC  
**Title:** Regulatory Specialist  
**Street Address:** 2010 AFTON PLACE  
**City:** Farmington **State:** NM  
**Phone:** (505) 324-4154  
**Email address:** ETRUJILLO@LOGOSRESOURCESLLC.COM

Field Representative

**Representative Name:**  
**Street Address:**  
**City:** **State:** **Zip:**  
**Phone:**  
**Email address:**

BLM Point of Contact

**BLM POC Name:** KENNETH G RENNICK **BLM POC Title:** Petroleum Engineer  
**BLM POC Phone:** 5055647742 **BLM POC Email Address:** krennick@blm.gov  
**Disposition:** Approved **Disposition Date:** 01/06/2022  
**Signature:** Kenneth Rennick



## Plug & Abandon Procedure

### Richardson 1E

API: 30-045-24909

1. Release packer and trip out of hole with production tubing.
2. Run in hole with cement retainer and set within 50' of top Dakota perforation.
3. Roll hole with fresh water and pressure test casing to 560 psi for 15 minutes.
  - a. **If pressure test fails, tag and record each plug top** and top off with more cement if necessary.
4. Conduct cement bond log from cement retainer to surface.
5. **Send cement bond log results to NMOCD and BLM to verify cement volumes and inside/outside plugs.**
6. **Plug #1: 5840'-5940' (Dakota/Gallup perforation top: 5951')**: Mix & spot 12 sx of Class G cement on cement retainer.
7. **Plug #2: 5230'-5330' (Gallup top: 5280')**: Mix and spot 12 sx of Class G cement.
8. **With wireline unit perforate at 4200' and set cement retainer at 4150', unless indicated otherwise by CBL.**
9. **Plug #3: 4100'-4200' (Mancos top: 4150')**: Sting into cement retainer, mix and spot 44 sx Class G cement. Sting out of cement retainer and pump remaining 8 sx of Class G cement.
10. **Plug #4: 2842'-2942' (Mesaverde top: 2892')**: Mix and spot 12 sx of Class G cement.
11. With wireline unit perforate at 2305' and set cement retainer at 2255', unless otherwise indicated by CBL.
12. **Plug #5: 2205'-2305' (Chacra top: 2255')**: Sting into cement retainer, mix and spot 44 sx Class G cement. Sting out of cement retainer and pump remaining 8 sx of Class G cement.
13. **Plug #6: 440'-1429' (Ojo Alamo top: 490' / Kirtland top: 650' / Fruitland Coal top: 950' / Pictured Cliffs top: 1379')**: Mix and spot 81 sx of Class G cement.
14. **Plug #7: Surface-331' (surface casing shoe at 281')**: Mix and spot 30 sx of Class G cement.
15. Wait on cement and tag top of cement at surface. Top off as required.
16. Cut off wellhead below surface casing flange per regulation. Top off with cement if needed. Install P&A marker with cement per regulation.
17. Cut off anchors and restore location per BLM stipulations.



## Plug & Cement Table Planning

### Richardson 1E P&A Planning

<u>Tops</u>	<u>(ft)</u>	<u>(ft+50)</u>	<u>(ft-50)</u>
Ojo Alamo	490	540	440
Kirtland	650	700	600
Fruitland	950	1000	900
PC	1379	1429	1329
Chacra	2255	2305	2205
Mesaverde	2892	2942	2842
Mancos	4150	4200	4100
Gallup	5280	5330	5230
Dakota	6025	6075	5975

<u>Top Perf</u>	<u>Bottom Perf</u>	<u>Surf Shoe</u>
6080	5951	281

<u>Yield</u>	<u>CR CH top</u>
1.15	2255

<u>4.5" CSA</u>	<u>4.5" CSA OH</u>
0.0896	0.2278

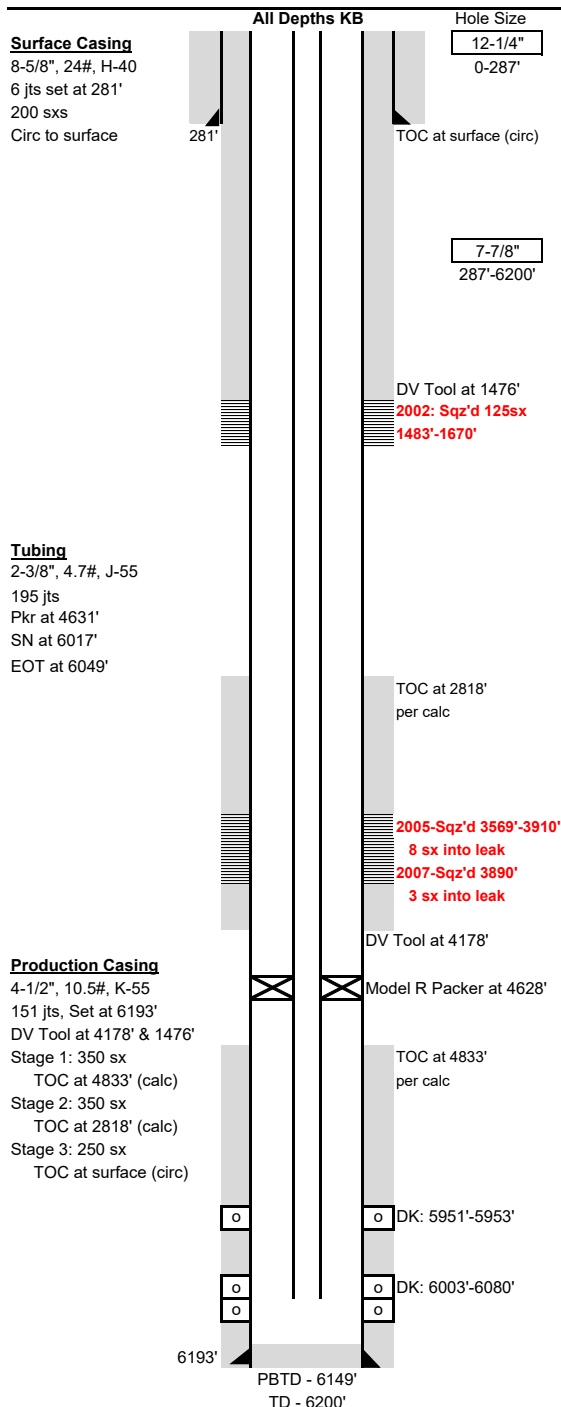
<u>Plug</u>	<u>Reason</u>	<u>Perf</u>	<u>Length</u>	<u>Top</u>	<u>Bottom</u>	<u>In/Out</u>	<u>Volume sx</u>	<u>Excess</u>	<u>Notes</u>
1	GL/DK Perfs	n/a	100	5840	5940	In	12	50'	CR @ 5940' (<50' of perfs)
2	GL Top	n/a	100	5230	5330	In	12	50'	n/a
3	MC Top	4200'	100	4100	4200	In/Out	52	50' and 100%	CR @ 4150'
4	MV Top	n/a	100	2842	2942	In	12	50'	n/a
5	CH Top	2305'	100	2205	2305	In/Out	52	50' and 100%	CR @ 2255'
6	Ojo/Ktld/FC/PC Top	n/a	989	440	1429	in	81	50'	n/a
7	Surface	n/a	331	0	331	In	30	50'	Surf Shoe @ 281'
<b>TOTAL</b>							<b>249</b>		



## Wellbore Schematic

Well Name: Richardson 1E  
 Location: Sec 2, T27N, R13W 840' FSL & 1720' FEL  
 County: San Juan  
 API #: 30-045-24909  
 Co-ordinates: Lat 36.5993156 Long -108.854172  
 Elevations: GROUND: 5881'  
 KB: 5894.5'  
 Depths (KB): PBTD: 6149'  
 TD: 6200'

Date Prepared: 2/18/2019 Hespe  
 Last Updated: 2/5/2020 Moss  
 Spud Date: 4/29/1981  
 Completion Date: 8/15/1981  
 Last Workover Date: 10/12/2007



**Surface Casing: (4/29/1981)**  
 Drilled a 12-1/4" surface hole to 287'. Set 6 jts 8-5/8", 24#, H-40 casing at 281'.  
 Cemented w/ 200 sxs Class 'B' cmt w/ 3% CaCl and 1/4# flocele/sk. Circulated 5 bbl to surface.

**Production Casing: (5/7/1981)**  
 Drilled a 7-7/8" production hole to 6200'. Set 151 jts 4-1/2", 10.5#, K-55 casing at 6193'.  
 Float Collar set at 6145'. Stage Collars set at 4178' & 1476'.  
 Stage 1: 350 sx 50/50 POZ w/ 2% gel, 0.6% FLA & 10% salt.  
 TOC at 4833' per calc. Assuming 1.18 yld & 75% efficiency.  
 Stage 2: Lead w/ 300 sx 50/50 POZ w/ 8%gel & 10 lb gilsonite/sk. Tailed w/ 50 sxs  
 Class B. TOC at 2818' per calc. Assuming 1.18 yld & 75% efficiency.  
 Stage 3: Lead w/ 200 sxs 65/35 POZ w/ 12% gel & 12.5# gilsonite/sk. Tailed w/ 50 sxs Class B w/  
 2% CaCl. Circulated good cmt to surface.

Tubing: (10/16/2007)	Length (ft)
KB	13.5
(148) 2-3/8" 4.7# J-55 tubing joints	4617.21
(1) Model R Packer @ 4630.7'	6
(46) 2-3/8" 4.7# J-55 tubing joints	1378.78
(1) SN	1.1
(1) 2-3/8" 4.7# J-55 tail joint	31.87
Set at:	6048.5 ft

**Artificial Lift Type:**  
 Plunger Lift

**Perforations:**  
 Dakota (8/14/81): 0.42", 26 holes, 5951, 52, 53, 6003, 04, 05, 26, 28, 30, 32, 34, 36, 38,  
 40, 42, 44, 46, 48, 66, 68, 70, 72, 74, 76, 78, 80'.  
 Acidized w/ 1500 gal 15% HCL.  
 Frac w/ 130000# 20/40, 96000gal 30# x-linked gel.

Formations:			
Ojo Alamo-	490'	Cliff House-	2945'
Kirtland-	520'	Point Lookout-	3890'
Fruitland-	1300'	Mancos-	4150'
Pictured Cliffs-	1379'	Gallup-	5280'
Chacra-	2255'	Dakota-	5946'

**Additional Notes:**  
 11/25/2002- Casing repair. Isolated csg leak at 1483'-1670', sqz'd csg leak w/ 125 sx  
 Class B w/ 2%KCl & 2%Halad-9. (15.8 lb/gal, 1.18 yld, 5.2 gal/sk  
 10/19/2004- Casing hole identification. Identified csg leak between 3927'-3942'. Landed tubing  
 with a pkr at 6014'. While identifying hole 4-1/2" fullbore packer kept sticking near the  
 DV tool at 4629'.  
 6/13/2005- Casing repair. Isolated casing leak from 3569'-3910'. Spotted 40 sx cmt from  
 3400'-3910' and hesitate squeezed 8 sx into casing leak.  
 10/5/2007- Casing repair. Isolated casing leak at 3892'. Could not pump into leak,  
 used balance plug to seal off leak. Pumped 25 sx 50-50 POZ w/ HALAD-322 and  
 pressured up to displace cmt into casing. Tubing got stuck and required freepointing,  
 cutting, and fishing to retrieve. Drilled out cmt and c/o to PBTD.  
 Landed tubing at 6048.46' KB (KB 13.5') with a model R packer  
 landed at 4630.71'.

See Operations tab for additional information.

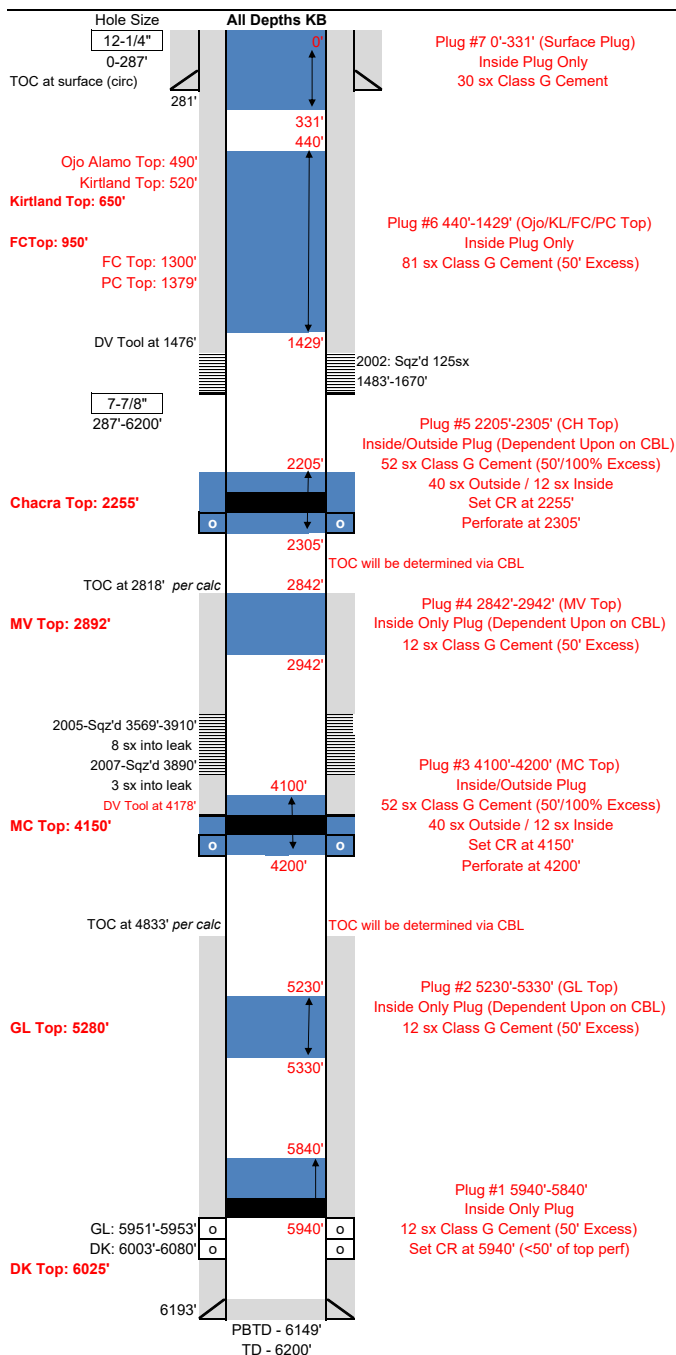
\*Max deviation 1 degree.



## Proposed P&amp;A Wellbore Schematic

Well Name: Richardson 1E  
 Location: Sec 2, T27N, R13W 840' FSL & 1720' FEL  
 County: San Juan  
 API #: 30-045-24909  
 Co-ordinates: Lat 36.5993156 Long -108.854172  
 Elevations: GROUND: 5881'  
 KB: 5894.5'  
 PBDT: 6149'  
 TD: 6200'

Date Prepared: 5/6/2021 Hespe  
 Last Updated: 12/15/2021 Hespe  
 Reviewed: 5/12/2021 Moss  
 Spud Date: 4/29/1981  
 Completion Date: 8/15/1981  
 Last Workover Date: 10/12/2007



**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
6251 COLLEGE BLVD.  
FARMINGTON, NEW MEXICO 87402**

Attachment to notice of  
Intention to Abandon

Re: Permanent Abandonment  
Well: Richardson 1E

**CONDITIONS OF APPROVAL**

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.

K. Rennick 1/6/2022



**GENERAL REQUIREMENTS FOR  
PERMANENT ABANDONMENT OF WELLS ON FEDERAL AND INDIAN LEASES  
FARMINGTON FIELD OFFICE**

- 1.0 The approved plugging plans may contain variances from the following minimum general requirements.
- 1.1 Modification of the approved plugging procedure is allowed only with the prior approval of the Authorized Officer, Farmington Field Office.
  - 1.2 Requirements may be added to address specific well conditions.
- 2.0 Materials used must be accurately measured. (densometer/scales)
- 3.0 A tank or lined pit must be used for containment of any fluids from the wellbore during plugging operations and all pits are to be fenced with woven wire. These pits will be fenced on three sides and once the rig leaves location, the fourth side will be fenced.
- 3.1 Pits are not to be used for disposal of any hydrocarbons. If hydrocarbons are present in the pit, the fluids must be removed prior to filling in.
- 4.0 All cement plugs are to be placed through a work string. Cement may be bull-headed down the casing with prior approval. Cement caps on top of bridge plugs or cement retainers may be placed by dump bailer.
- 4.1 The cement shall be as specified in the approved plugging plan.
  - 4.2 All cement plugs placed inside casing shall have sufficient volume to fill a minimum of 100' of the casing, or annular void(s) between casings, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.
  - 4.3 Surface plugs may be no less than 50' in length.
  - 4.4 All cement plugs placed to fill annular void(s) between casing and the formation shall be of sufficient volume to fill a minimum of 100' of the annular space plus 100% excess, calculated using the bit size, or 100' of annular capacity, determined from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.
  - 4.5 All cement plugs placed to fill an open hole shall be of sufficient volume to fill a minimum of 100' of hole, as calculated from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug. In the absence of a caliper log, an excess of 100% shall be required.
  - 4.6 **A cement bond log or other accepted cement evaluation tool is required to be run if one had not been previously ran or cement did not circulate to surface during the original casing cementing job or subsequent cementing jobs.**

5.0 All cement plugs spotted across, or above, any exposed zone(s), when; the wellbore is not full of fluid or the fluid level will not remain static, and in the case of lost circulation or partial returns during cement placement, shall be tested by tagging with the work string.

- 5.1 The top of any cement plug verified by tagging must be at or above the depth specified in the approved plan, without regard to any excess.
- 5.2 Testing will not be required for any cement plug that is mechanically contained by use of a bridge plug and/or cement retainer, if casing integrity has been established.
- 5.3 Any cement plug which is the only isolating medium, for a fresh water interval or a zone containing a prospectively valuable deposit of minerals, shall be tested by tagging.
- 5.4 If perforations are required below the surface casing shoe, a 30 minute minimum wait time will be required to determine if gas and/or water flows are present. If flow is present, the well will be shut-in for a minimum of one hour and the pressure recorded. Short or long term venting may be necessary to evacuate trapped gas. **If only a water flow occurs with no associated gas, shut well in and record the pressures. Contact the Engineer as it may be necessary to change the cement weight and additives.**

6.0 Before setting any cement plugs the hole needs to be rolled. All wells are to be controlled by means of a fluid that is to be of a weight and consistency necessary to stabilize the wellbore. This fluid shall be left in place as filler between all plugs.

- 6.1 Drilling mud may be used as the wellbore fluid in open hole plugging operations.
- 6.2 The wellbore fluid used in cased holes shall be of sufficient weight to balance known pore pressures in all exposed formations.

7.0 A blowout preventer and related equipment (BOPE) shall be installed and tested prior to working in a wellbore with any exposed zone(s); (1) that are over pressured, (2) where the pressures are unknown, or (3) known to contain H<sub>2</sub>S.

8.0 Within 30 days after plugging work is completed, file a Sundry Notice, Subsequent Report of Abandonment (Form 3160-5), five copies, with the Field Manager, Bureau of Land Management, 6251 College Blvd., Suite A, Farmington, NM 87402. The report should show the manner in which the plugging work was carried out, the extent, by depth(s), of cement plugs placed, and the size and location, by depth(s), of casing left in the well. Show date well was plugged.

9.0 All permanently abandoned wells are to be marked with a permanent monument as specified in 43 CFR 3162.6(d). Unless otherwise approved.

10.0 If this well is located in a Specially Designated Area (SDA), compliance with the appropriate seasonal closure requirements will be necessary.

All of the above are minimum requirements. Failure to comply with the above conditions of approval may result in an assessment for noncompliance and/or a Shut-in Order being issued pursuant to 43 CFR 3163.1. You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to administrative review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.

(October 2012 Revision)

**BLM - FFO - Geologic Report****Date Completed**

9/22/2021

Well No. Richardson # 1E Surf. Loc. 840 FSL 1720 FEL  
 Sec. 2 T27N R13W

Lease No. NMSF077972A  
 Unit No. NMNM73533  
 Operator LOGOS Operating LLC County San Juan State New Mexico  
 TVD 6200 PBDT 6149 Formation Dakota SS  
 Elevation GL 5881 Elevation Est. KB 5895

Geologic Formations	Est. tops	Subsea Elev.	Remarks
Nacimiento Fm.	Surface	5881	Surface /fresh water sands
Ojo Alamo Ss	490	5405	Fresh water aquifer
Kirtland Fm.	650	5245	
Fruitland Fm.	950	4945	Coal/gas/possible water
Pictured Cliffs	1379	4516	Possible water
Lewis Shale (Main)	1510	4385	Source rock
Huerfanito Bentonite	1810	4085	Reference bed
Chacra (upper)	1880	4015	Possible gas/water
Lewis Shale Stringer	1930	3965	Source rock
Chacra (lower)	2255	3640	Possible gas/water
Lewis Shale Stringer	2338	3557	Source rock
La Ventana Member	2395	3500	Possible gas/water
Cliff House Ss	2892	3003	Water
Menefee Fm.	2945	2950	Coal/water/possible gas
Point Lookout Fm.	3810	2085	Possible gas/water
Mancos Shale	4150	1745	Source rock
El Vado Ss	5080	815	Possible gas/water
Tocito Ss Lentils	5150	745	Possible gas/water
Gallup	5280	615	Oil & gas
Mancos Stringer	5440	455	Oil & gas
Juana Lopez	5489	406	
Mancos Stringer	5615	280	
Brdge Crk/Grnhn	5800	95	
Graneros Shale	5900	-5	
Dakota Ss	6025	-130	Possible gas/water

Remarks:

Vertical wellbore, all formation depths are TVD

-The Cliff House should be used as the top of the Mesa Verde for plugging purposes.

-Note that there are some significant differences between the BLM geologist's picks for the Kirtland, Fruitland and Dakota formation tops and the Operators picks.

-The top and/or bottom of Plugs 3, 5, and 6 must be modified to cover the BLM formation depths.

Reference Wells:

1) Fm Tops  
 LOGOS Operating LLC  
 Same

Prepared by: Walter Gage

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
  
Action 70917

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 70917
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Adhere to COAs on original P&A procedure and BLM COAs..	1/7/2022